

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 890050.518USPC		APPLICATION NO. 10/518,687	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Masaaki Kobayashi et al.			
				FILING DATE June 18, 2003		GROUP ART UNIT	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/NH/	AA	4,831,494	05/16/89	Arnold et al.	361	306	
/NH/	AB	5,369,545	11/29/94	Bhattacharyya et al.	361	306.2	
/NH/	AC	5,880,925	03/09/99	DuPré et al.	361	303	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
/NH/	AJ	62-189715	08/19/87	JP			
<div style="border-left: 2px solid black; height: 100px; margin: 0 auto; width: 10px;"></div>	AK	62-189716	08/19/87	JP			
	AL	6-31715	08/22/94	JP			
	AM	7-27144	01/27/95	JP (+ Abstract in English)			
	AN	2001-307955	11/02/01	JP (+ Abstract in English)			
/NH/	AO	2002-313676	10/25/02	JP (+ Abstract in English)			
<b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	AP						
	AQ						
	AR						
EXAMINER /Nguyen Ha/				DATE CONSIDERED 05/25/2007			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							